
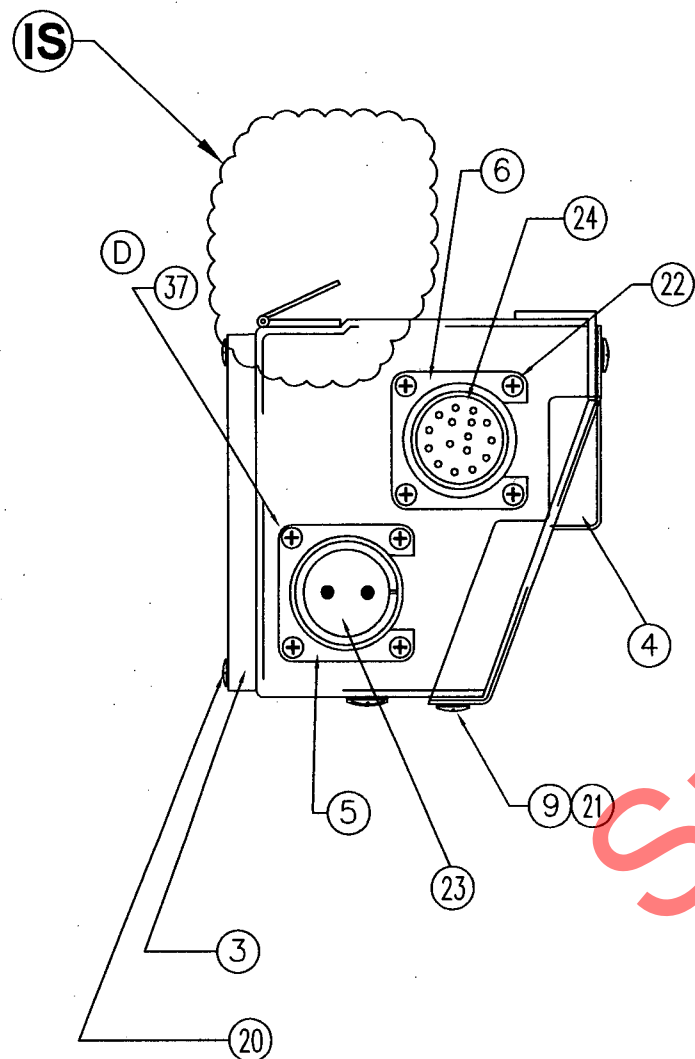
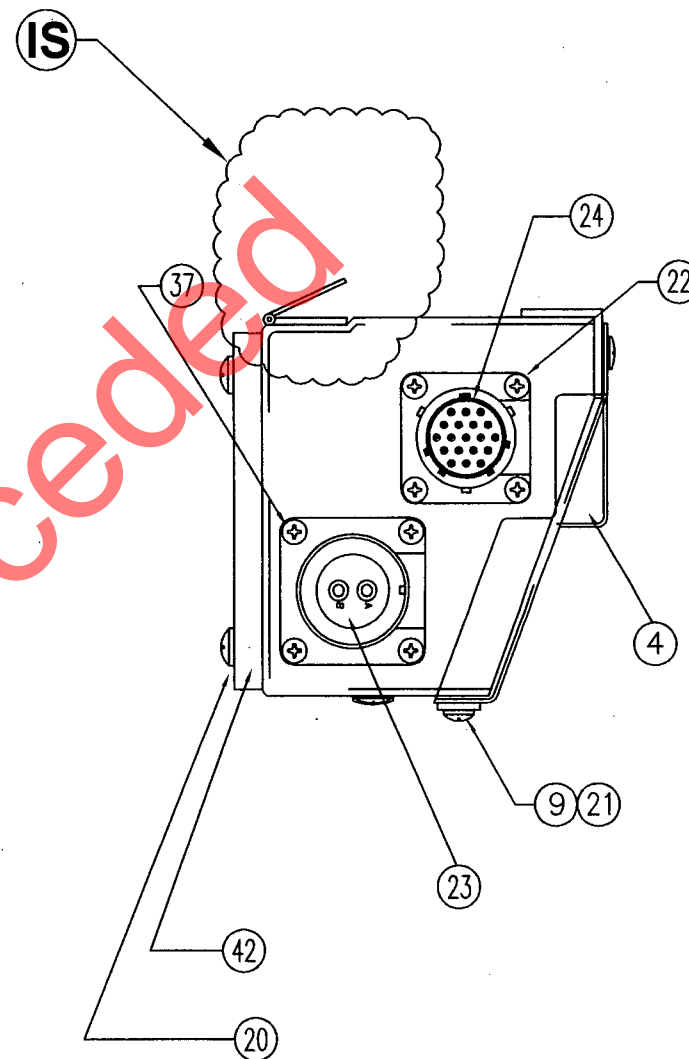
 APICAL INDUSTRIES, INC. dba DART AEROSPACE		ENGINEERING CHANGE NOTICE NO. 04972					SHEET 1 OF 1		
		DWG NO. 41228-502-013		REV: D	PREPARED BY R.FUENTES	DATE: 15/06/09		EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
		DWG TITLE: BOX ASSY OVERHEAD C/B							
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		APPROVED BY:	ENGR 	MFG		QC		EFF: CURRENT ORDER	
		REASON: ADDED ALTERNATIVE P/N FOR ITEM 26						ECR:	
ACTION LIST: 1.									
Superceded									
26	R	16829-001	2	2	BUTTON (HEYCO)			ALT. P/N 2633-DP 437	ALT. P/N 2636-HFP 437
F/N	TC	PART NUMBER	QTY		DESCRIPTION			MATERIAL	SPECIFICATION
			-001	-003					
DOCUMENTS EFFECTED:					CHANGE CATEGORY		DER REVIEW REQUIRED		
<input type="checkbox"/> PATTERN <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM					<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTIC, NO. 01938				SHEET 1 OF 2	
	DWG NO. 41228-502-013		REV: D	PREPARED BY D.BARKER	DATE: 09/05/07	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: BOX ASSY OVERHEAD CYB					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: REMOVED DOUBLER FROM ASSY AND UPDATED PARTS LIST					

CONTROL COPY  
ISSUED DATE

SEP 12 2007

41	R	MS22759/16-12 (NOT SHOWN)	2.2 FT		WIRE				
40	R	601.1298 (NOT SHOWN)	12.5 FT		WIRE		MS22759/16-20		
39	R	MS22759/16-22 (NOT SHOWN)	5.0 FT		WIRE				
38	D	MS24693-271	4	4	DELETED				
36	R	36152	23	14	TERMINAL	AMP / OR MS STD TERMINALS			
35	R	320565	5	5	TERMINAL	AMP / OR MS STD TERMINALS			
34	R	35109	4	4	TERMINAL	AMP / OR MS STD TERMINALS			
18	R	MS35207-265	1	1	SCREW				
1	D	41228-502-014-001	1	1	DELETED				
			-001	-003					
F/N	TC	PART NUMBER	QTY		NAME	STOCK SIZE	MATERIAL	MATL.SPEC	ZONE
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED		
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

**SHEET 3, -001 BOX ASSY IS:****SHEET 4, -003 BOX ASSY IS:**

APICAL  
INDUSTRIES, INC.

ENGINEERING CHANGE NOTIC NO. 01912

SHEET 1 OF 1

DWG NO. 41228-502-013

REV: D

PREPARED  
BY

D. BARKER

DATE: 08/13/07

EFFECT ON DWG  
☐ INC. ☒ UNINC.

DWG TITLE: BOX ASSY OVERHEAD C/B

APPROVED BY:

ENGR

MFG

QC

EFF:

CURRENT ORDER

TRANSACTION CODES (TC):  
A-ADD C-CREATE  
R-REVISE D-DELETE

REASON: UPDATED WIRE PART NUMBERS AND QTY IN PARTS LIST

Superseded

**CONTROL COPY  
ISSUED DATE**

AUG 16 2007

41	D	601.1298 (NOT SHOWN)	2.2 FT		WIRE		MS22759/16-20	
40	R	601.1298 (NOT SHOWN)	23.1 FT		WIRE		MS22759/16-20	
			-001	-003				
F/N	TC	PART NUMBER	QTY	NAME	STOCK SIZE	MATERIAL	MATL. SPEC	ZONE
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED		
					<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 01901				SHEET 1 OF 1	
	DWG NO. 41228-502-013		REV: D	PREPARED BY D. BARKER	DATE: 07/30/07	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: BOX ASSY OVERHEAD CYB					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: UPDATED PARTS LIST				

Superseded

**CONTROL COPY**  
**ISSUED DATE**  
 AUG 02 2007

19	R	601.2198	2	2	SCREW		MS27039-1-07		
16	R	MS21044N3	5	5	NUT				
8	R	601.2182	5	5	WASHER		NAS1149D0332J		
7	R	601.1718	5	5	WASHER		NAS1149D0363J		
			-001	-003					
F/N	TC	PART NUMBER	QTY	NAME		STOCK SIZE	MATERIAL	MATL.SPEC	ZONE
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED		
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

UNINCORPORATED ECN(s)  
01901, 01912, 01938,

REVISION				APPROVED	DATE
LETTER	DFTSMAN	DATE	DESCRIPTION		
A	TAH	8/3/93	ADDED VIEW LOOKING UP AT C/B BOX ASSY ON SHT 2.		
B	TAH	2/9/95	ADDED COVER & MOUNTING HARDWARE TO L/M & F/D CHANGED INCORRECT DWG. No. -012 TO -013		
C	HJK	2/19/98	ADDED ITEM'S 32 THRU 42 TO DRAWING AND L/M; CHANGED P/N OF ITEM 3, 18, 19, 21, 24 & 26; ADDED ALTERNATE P/N FOR ITEM 23 & 24; CHANGED QTY. ON ITEMS 7, 8, 12, 16, 19 & 22; ADDED SHEET 3: ADDED LEGEND FOR TERMINALS TO SHEET 3; DELETED P/N 10 & 15.		
D	DNN	4/24/01	ADDED -003 C/B BOX ASSY; MOVED #37 TO #1 ON L/M; MOVED #42 TO #37 ON L/M; ADDED 41228-502-009-005 OVERLAY AS #42; ADDED #26 TO SHT 3. MINOR CHANGES - FAR 21.95	R. HURLEY 020	9/07/01

©				1	1	24	MS3120E14-19S	CONNECTOR	ALT. P/N MS3470W14-19S				
©				1	1	23	MS3100F16-11P	CONNECTOR	ALT. P/N MS3102R16-11P				
©				4	4	22	MS35206-214	SCREW					
©				6	6	21	MS35206-228	SCREW					
				6	6	20	MS35214-29	SCREW					
©				2	2	19	MS27039-1-07	SCREW					
©				1	1	18	MS35206-267	SCREW					
				2	2	17	MS24693-S273	SCREW					
©				5	5	16	MS20365-1032	NUT					
©						15	DELETED						
				1	1	14	MS90335-3	CONNECTOR					
				1	1	13	MS24166-D2	RELAY					
©				1	1	12	MS21919WH5	CLAMP					
				1	1	11	AN315-3R	NUT					
						10	DELETED						
				6	6	9	AN960PD6	WASHER					
©				5	5	8	AN960PD10L	WASHER					
©				5	5	7	AN960PD10	WASHER					
				1	1	6	AT283-14	NUT PLATE					
				1	1	5	AT283-16	NUT PLATE					
				1	1	4	41228-502-015-001	COVER					
©					1	3	41228-502-009-003	OVERLAY					
				1	1	2	41228-502-008-001	BOX ASSY					
				1	1	1	41228-502-014-001	DOUBLER					
①							-003	ASSY					
							-001	ASSY					
				-003	-001	FIND NO.	PART NO.	NAME	STOCK SIZE	MATERIAL	MATL.SPEC	ZONE	
NO. REQ'D PER ASSY				LIST OF MATERIAL									
PROPRIETARY RIGHTS NOTICE  THESE DATA ARE PROPRIETARY TO ERA AVIATION, INC. DISCLOSURE, REPRODUCTION, OR USE OF THESE DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM ERA AVIATION, INC. THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.								UNLESS OTHERWISE SPECIFIED X.±.1 XX.±.03 XXX.±.010 ANGLES ±.1/2"	DRAFTSMN T. HARVILLE 6/15/93	TITLE BOX ASSY OVERHEAD C/B			
								CHECK					
								STRESS					
											PROJ. ENGR.		DWG. SIZE C
			-001	1	41228-500-003			ANGLES ±.1/2"	HEAT TREAT	Era Aviation, Inc.		DWG. NO. 41228-502-013 SHT 1 OF 4	REV. D
			DASH NO.	REQ'D PER ASSY	NEXT ASSEMBLY		MDL	FINISH					

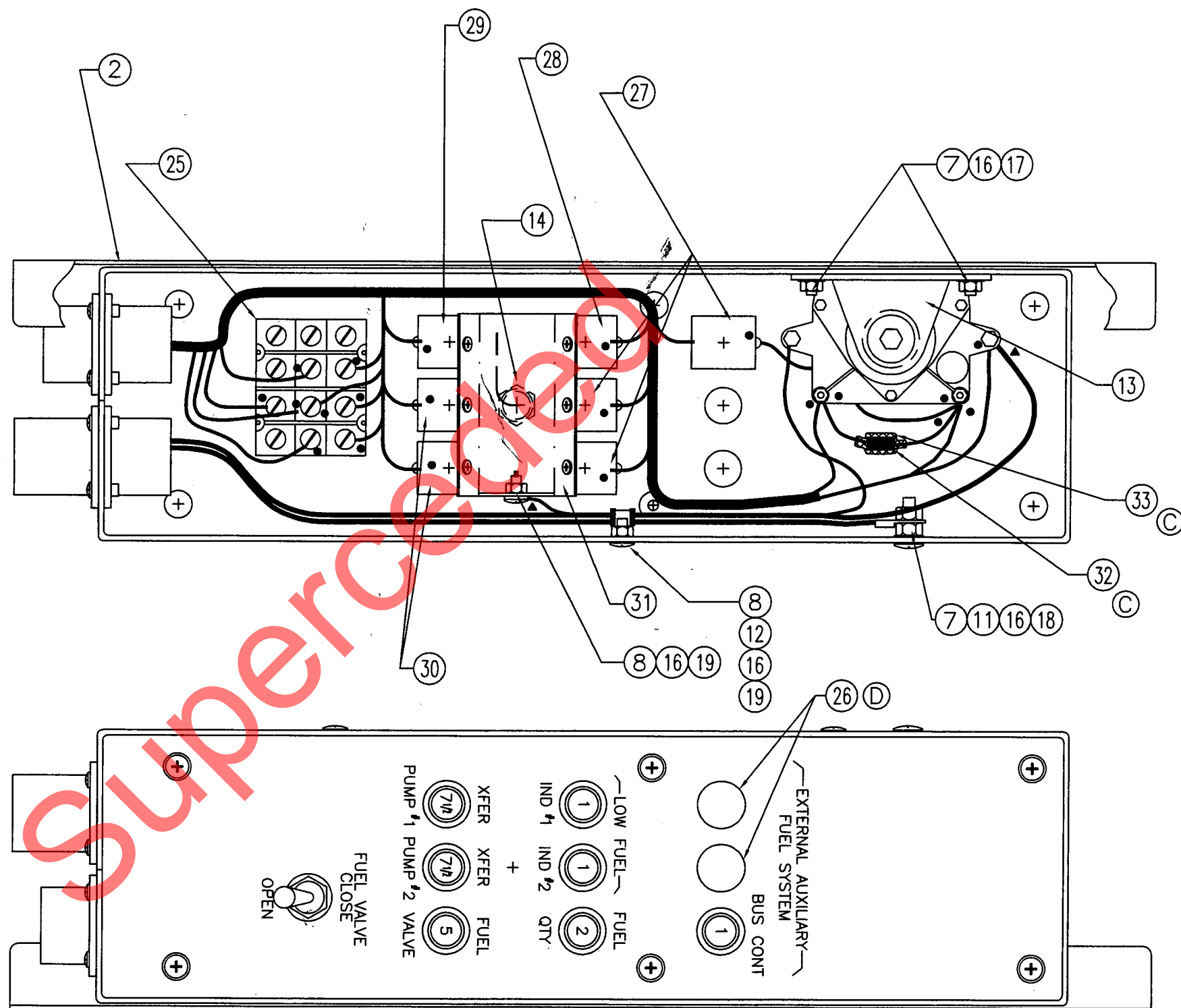
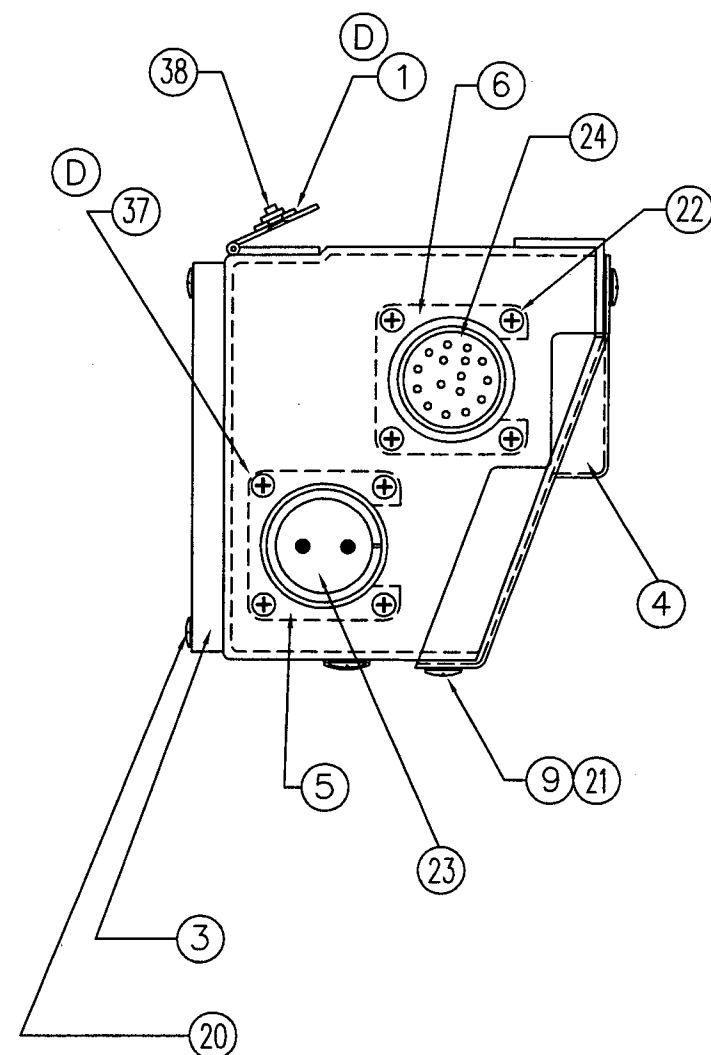
①	②		1	42	41228-502-009-005	OVERLAY				
③			26"	41	MS22759/16-20-9 (NOT SHOWN)	WIRE ✓			WIRE MASTERS FRANKLIN TN.	
④			250"	40	MS22759/16-20-9 (NOT SHOWN)	WIRE ✓			WIRE MASTERS FRANKLIN TN.	
⑤			13"	39	MS22759/16-22-9 (NOT SHOWN)	WIRE ✓			WIRE MASTERS FRANKLIN TN.	
⑥			4	4	38	MS24693-271	SCREW			
⑦			4	4	37	MS35206-215	SCREW			
⑧			14	21	36	36152	TERMINAL		AMP / OR MS STD TERMINALS	
⑨			1	1	35	320565	TERMINAL		AMP / OR MS STD TERMINALS	
⑩			3	3	34	35109	TERMINAL		AMP / OR MS STD TERMINALS	
⑪			3"	3"	33	RT-375-1/8 CLEAR	HEAT SHRINK			
⑫			1	1	32	1N4007	DIODE			
			1	1	31	41228-502-012-001	BUSS BAR			
			2	2	30	MS26574-7 1/2	C/B			
				1	29	MS26574-5	C/B			
			2	1	28	MS26574-2	C/B			
			3	3	27	MS26574-1	C/B			
⑬			2	2	26	100-050-B437	BUTTON			
				1	25	MS24525-23	SWITCH			
			-003	-001	FIND NO.	PART NO.	NAME	STOCK SIZE	MATERIAL	MATL.SPEC
			NO. REQ'D PER ASSY			LIST OF MATERIAL				

PROPRIETARY RIGHTS NOTICE  
 THESE DATA ARE PROPRIETARY TO ERA AVIATION, INC.  
 DISCLOSURE, REPRODUCTION, OR USE OF THESE DATA  
 FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN  
 AUTHORIZATION FROM ERA AVIATION, INC. THE FORE-  
 GOING DOES NOT APPLY TO VENDOR PARTS.

*Era Aviation, Inc.*

TITLE	SIZE	DWG. NO.	REV.
BOX ASSY OVERHEAD C/B	C	41228-502-013 SHT 2 OF 4	D





© **LEGEND**  
TERMINALS

- ▲ 35109 (34)
- 320565 (35)
- 36152 (36)

-001 BOX ASSY

**PROPRIETARY RIGHTS NOTICE**  
THESE DATA ARE PROPRIETARY TO ERA AVIATION, INC. DISCLOSURE, REPRODUCTION, OR USE OF THESE DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM ERA AVIATION, INC. THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.

*Era Aviation, Inc.*

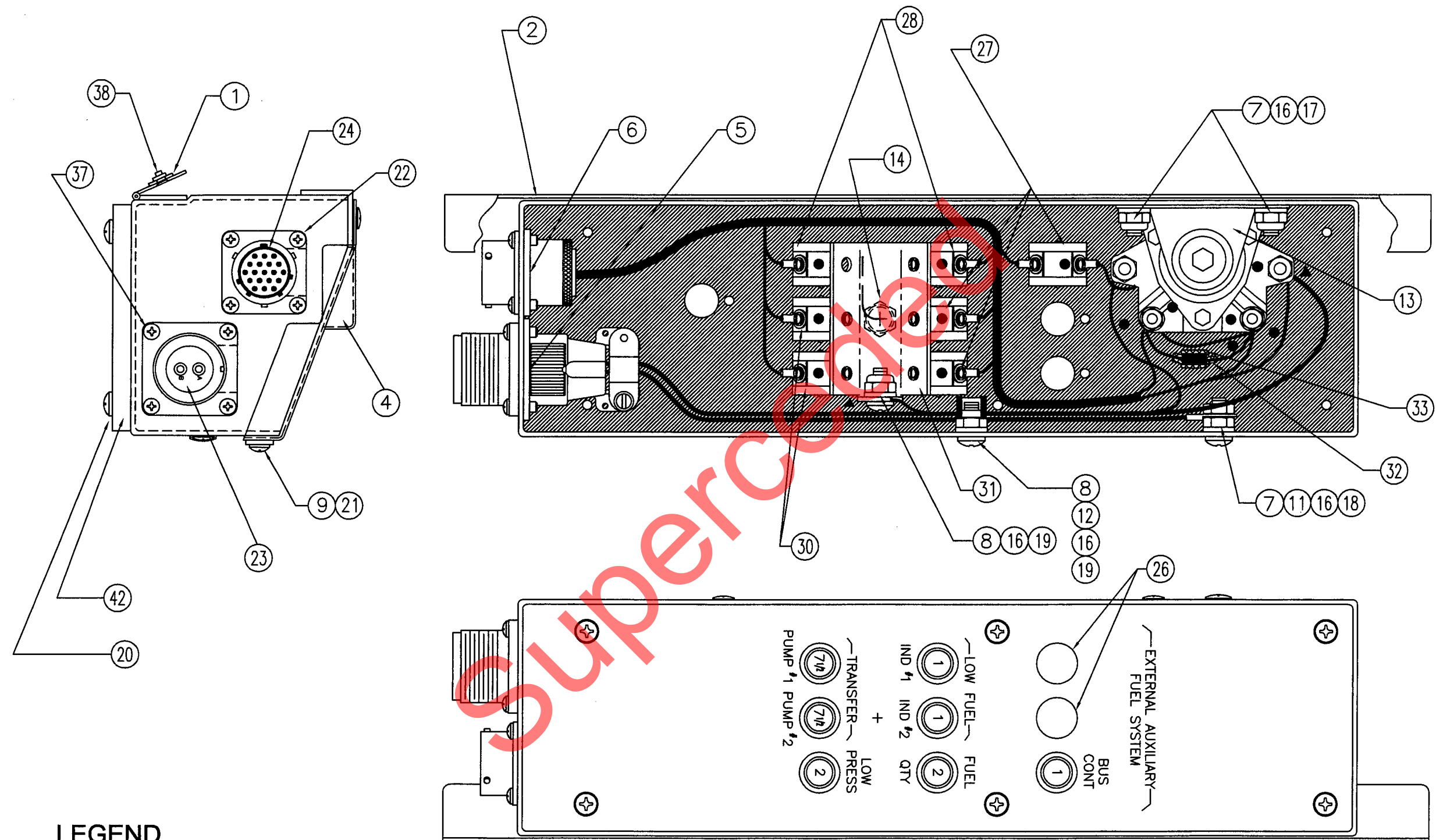
TITLE  
BOX ASSY OVERHEAD C/B

SIZE  
C

DWG. NO.  
41228-502-013  
SHT 3 OF 4

REV.  
D





# **LEGEND** **TERMINALS**

- ▲ 35109 (34)
- 320565 (35)
- 36152 (36)

-003 BOX ASSY (D)

**PROPRIETARY RIGHTS NOTICE**  
THESE DATA ARE PROPRIETARY TO ERA AVIATION, INC. DISCLOSURE, REPRODUCTION, OR USE OF THESE DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM ERA AVIATION, INC. THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.

*Era Aviation, Inc.*

TITLE  
BOX ASSY, OVERHEAD C/B

SIZE  
C

DWG. NO.  
41228-502-013  
SHT 4 OF 4

REV.  
D